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3040 Post Oak Blvd, Suite 1500  
Houston, TX 77056-6582  
TEL 713.623.4844  
FAX 713.623.4846

## FACSIMILE COVER SHEET

**DATE:** May 24, 2006  
**FILE NO.:** APPM/008245/DSM/BCVD/JP  
**TO:** Mail Stop AF; Commissioner for Patents  
Examiner Mahmoud Dahimene  
**FAX NO.:** 571-273-8300  
**COMPANY:** USPTO  
**FROM:** Keith M. Tackett  
**PAGE(S) with cover:** 11  
**ORIGINAL TO FOLLOW?**  YES  NO

### RESPONSE TO FINAL OFFICE ACTION DATED APRIL 5, 2006

**TITLE:** Method of Depositing an Amorphous Carbon Film For Metal Etch Hardmask Application  
**U.S. SERIAL NO.:** 10/800,112  
**FILING DATE:** March 12, 2004  
**INVENTOR:** Wang, et al.  
**EXAMINER:** Mahmoud Dahimene  
**GROUP ART UNIT:** 1765  
**CONFIRMATION NO.:** 8920

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:  
Wang, et al.**

Serial No.: 10/800,112

Confirmation No.: 8920

**Filed:** March 12, 2004

For: Method of Depositing an  
Amorphous Carbon Film  
For Metal Etch Hardmask  
Application

Group Art Unit: 1765

Examiner: Mahmoud Dahimene

**MAIL STOP AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

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37 CFR 1.8**

I hereby certify that this correspondence and the documents referred to as attached therein are being facsimile transmitted to the U.S. Patent and Trademark Office to the fax number indicated by the Examiner, namely, fax number (571) 273-6300 to the attention of the named Examiner, on the date below.

5/24/06

Kenneth

Dear Sir:

## **RESPONSE TO FINAL OFFICE ACTION DATED APRIL 5, 2006**

In response to the Final Office Action dated April 5, 2006, having a shortened statutory period for response set to expire on July 5, 2006, please enter this response and reconsider the claims pending in the application for reasons discussed below. Although Applicants believe that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/APPM/008245/KMT, for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper. **Remarks** begin on page 7 of this paper.